

ABSTRACT OF THE DISCLOSURE

Sub a' In a photoelectric converting apparatus including
a sensor unit, a transfer unit, and a memory unit,
noise can be minimized. The photoelectric converting
5 apparatus comprises a sensor unit including a plurality
of pixels each having at least photoelectric converting
means and first amplifying means for amplifying a
signal derived from the photoelectric converting means
to output the amplified signal, and a memory unit
10 including a plurality of memories each having at least
storing means for storing therein the signal derived
from the sensor unit and second amplifying means for
amplifying a signal derived from the storing means to
output an amplified signal. Then, a gain of the first
15 amplifying means is made different from a gain of the
second amplifying means.

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